

§ 250.404

- (1) The arrival of an MODU on location;
 - (2) The movement of a platform rig to a platform;
 - (3) The movement of a platform rig to another slot;
 - (4) The movement of an MODU to another slot; and
 - (5) The departure of an MODU from the location.
- (b) You must provide the District Supervisor with the rig name, lease number, well number, and expected time of arrival or departure.
- (c) In the Gulf of Mexico OCS Region, you must report drilling unit movements on form MMS-144, Rig Movement Notification Report.

[68 FR 8423, Feb. 20, 2003]

§ 250.404 What are the requirements for the crown block?

You must have a crown block safety device that prevents the traveling block from striking the crown block. You must check the device for proper operation at least once per week and after each drill-line slipping operation and record the results of this operational check in the driller's report.

[68 FR 8423, Feb. 20, 2003]

§ 250.405 What are the safety requirements for diesel engines used on a drilling rig?

You must equip each diesel engine with an air take device to shut down the diesel engine in the event of a run-away.

- (a) For a diesel engine that is not continuously manned, you must equip the engine with an automatic shutdown device;
- (b) For a diesel engine that is continuously manned, you may equip the engine with either an automatic or remote manual air intake shutdown device;
- (c) You do not have to equip a diesel engine with an air intake device if it meets one of the following criteria:
- (1) Starts a larger engine;
 - (2) Powers a firewater pump;
 - (3) Powers an emergency generator;
 - (4) Powers a BOP accumulator system;
 - (5) Provides air supply to divers or confined entry personnel;

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- (6) Powers temporary equipment on a nonproducing platform;
- (7) Powers an escape capsule; or
- (8) Powers a portable single-cylinder rig washer.

[68 FR 8423, Feb. 20, 2003]

§ 250.406 What additional safety measures must I take when I conduct drilling operations on a platform that has producing wells or has other hydrocarbon flow?

You must take the following safety measures when you conduct drilling operations on a platform with producing wells or that has other hydrocarbon flow:

- (a) You must install an emergency shutdown station near the driller's console;
- (b) You must shut in all producible wells located in the affected wellbay below the surface and at the wellhead when:

(1) You move a drilling rig or related equipment on and off a platform. This includes rigging up and rigging down activities within 500 feet of the affected platform;

(2) You move or skid a drilling unit between wells on a platform;

(3) A mobile offshore drilling unit (MODU) moves within 500 feet of a platform. You may resume production once the MODU is in place, secured, and ready to begin drilling operations.

[68 FR 8423, Feb. 20, 2003]

§ 250.407 What tests must I conduct to determine reservoir characteristics?

You must determine the presence, quantity, quality, and reservoir characteristics of oil, gas, sulphur, and water in the formations penetrated by logging, formation sampling, or well testing.

[68 FR 8423, Feb. 20, 2003]

§ 250.408 May I use alternative procedures or equipment during drilling operations?

You may use alternative procedures or equipment during drilling operations after receiving approval from the District Supervisor. You must identify and discuss your proposed alternative procedures or equipment in your Application for Permit to Drill

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§ 250.413

(APD) (see § 250.414(h)). Procedures for obtaining approval are described in section 250.141 of this part.

[68 FR 8423, Feb. 20, 2003]

§ 250.409 May I obtain departures from these drilling requirements?

The District Supervisor may approve departures from the drilling requirements specified in this subpart. You may apply for a departure from drilling requirements by writing to the District Supervisor. You should identify and discuss the departure you are requesting in your APD (see § 250.414(h)).

[68 FR 8423, Feb. 20, 2003]

APPLYING FOR A PERMIT TO DRILL

§ 250.410 How do I obtain approval to drill a well?

You must obtain written approval from the District Supervisor before you begin drilling any well or before you sidetrack, bypass, or deepen a well. To obtain approval, you must:

- (a) Submit the information required by § 250.411 through 250.418;
- (b) Include the well in your approved Exploration Plan (EP), Development and Production Plan (DPP), or Development Operations Coordination Document (DOCD);
- (c) Meet the oil spill financial responsibility requirements for offshore facilities as required by 30 CFR part 253; and
- (d) Submit the following forms to the District Supervisor:

- (1) An original and two complete copies of form MMS-123, Application for a Permit to Drill (APD), and form MMS-123S, Supplemental APD Information Sheet; and
- (2) A separate public information copy of forms MMS-123 and MMS-123S that meets the requirements of § 250.127.

[68 FR 8423, Feb. 20, 2003]

§ 250.411 What information must I submit with my application?

In addition to forms MMS-123 and MMS-123S, you must include the information described in the following table.

Information that you must include with an APD	Where to find a description
(a) Plat that shows locations of the proposed well.	§ 250.412
(b) Design criteria used for the proposed well.	§ 250.413
(c) Drilling prognosis	§ 250.414
(d) Casing and cementing programs	§ 250.415
(e) Diverter and BOP systems descriptions ..	§ 250.416
(f) Requirements for using an MODU	§ 250.417
(g) Additional information	§ 250.418

[68 FR 8423, Feb. 20, 2003]

§ 250.412 What requirements must the location plat meet?

The location plat must:

- (a) Have a scale of 1:24,000 (1 inch = 2,000 feet);
- (b) Show the surface and subsurface locations of the proposed well and all the wells in the vicinity;
- (c) Show the surface and subsurface locations of the proposed well in feet or meters from the block line;
- (d) Contain the longitude and latitude coordinates, and either Universal Transverse Mercator grid-system coordinates or state plane coordinates in the Lambert or Transverse Mercator Projection system for the surface and subsurface locations of the proposed well; and
- (e) State the units and geodetic datum (including whether the datum is North American Datum 27 or 83) for these coordinates. If the datum was converted, you must state the method used for this conversion, since the various methods may produce different values.

[68 FR 8423, Feb. 20, 2003]

§ 250.413 What must my description of well drilling design criteria address?

Your description of well drilling design criteria must address:

- (a) Pore pressures;
- (b) Formation fracture gradients, adjusted for water depth;
- (c) Potential lost circulation zones;
- (d) Drilling fluid weights;
- (e) Casing setting depths;
- (f) Maximum anticipated surface pressures. For this section, maximum anticipated surface pressures are the pressures that you reasonably expect to be exerted upon a casing string and